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=> d his full

(FILE 'HOME' ENTERED AT 08:17:33 ON 05 JUN 2006)

FILE 'REGISTRY' ENTERED AT 08:17:39 ON 05 JUN 2006 STRUCTURE UPLOADED L1 STRUCTURE UPLOADED L2 L3 STRUCTURE UPLOADED 7 SEA SSS SAM L3 L42565 SEA SSS FUL L3 L5 828 SEA ABB=ON PLU=ON L5 AND 4/NR L6 STRUCTURE UPLOADED **L7** L8 492 SEA SUB=L5 SSS FUL L7 14 SEA ABB=ON PLU=ON L8 AND 8-100/N L9 374 SEA ABB=ON PLU=ON L8 AND 4/NR L10 5 SEA ABB=ON PLU=ON L10 AND 8-2500/N L11L*** DEL 5 S L10 AND 8-100/N FILE 'CAPLUS' ENTERED AT 08:26:58 ON 05 JUN 2006 16 SEA ABB=ON PLU=ON L11 L12 8 SEA ABB=ON PLU=ON L12 NOT PY>=2003 L13 D IBIB AB HITSTR 1- L12 FILE 'MARPAT' ENTERED AT 08:34:19 ON 05 JUN 2006 50 SEA SSS SAM L7 L14 2404 SEA SSS FUL L7 L15 2402 SEA ABB=ON PLU=ON L15/COM L16 L*** DEL 2402 S L16 NOT PY>=2002 O SEA ABB=ON PLU=ON L16 AND (NUCLEIC ACID OR DNA OR RNA OR L17 PROTEIN)

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JUN 2006 HIGHEST RN 886746-35-6 DICTIONARY FILE UPDATES: 4 JUN 2006 HIGHEST RN 886746-35-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
***********

* The CA roles and document type information have been removed from * the IDE default display format and the ED field has been added, * effective March 20, 2005. A new display format, IDERL, is now * available and contains the CA role and document type information. * *
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of

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experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE CAPLUS

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FILE COVERS 1907 - 5 Jun 2006 VOL 144 ISS 24 FILE LAST UPDATED: 4 Jun 2006 (20060604/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 144 ISS 23 (20060602/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES (COVERAGE TO THESE DATES IS NOT COMPLETE):

2006094872 04 MAY 2006 DE 102004045648 23 MAR 2006 EΡ 1640355 29 MAR 2006 JΡ 2006081374 23 MAR 2006 WO 2006045852 04 MAY 2006 2416167 18 JAN 2006 GB FR2875804 31 MAR 2006 2272044 20 MAR 2006 RU CA 2518664 10 MAR 2006

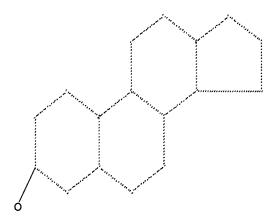
Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

=> d que stat

L7 STR

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Structure attributes must be viewed using STN Express query preparation.

L15 2404 SEA FILE=MARPAT SSS FUL L7

L16 2402 SEA FILE=MARPAT ABB=ON PLU=ON L15/COM

L17 0 SEA FILE=MARPAT ABB=ON PLU=ON L16 AND (NUCLEIC ACID OR DNA

OR RNA OR PROTEIN)

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|-----------------------|--------------------|---------------------|---------|------------------|
| L1 | 501 | (552/544).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:00 |
| L2 | 4 | furgeson-darin-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:01 |
| L3 | 1399 | kim-sung-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:01 |
| L4 | 0 | kim-sung-wan-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:01 |
| L5 | 202 | kim-wan-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:01 |
| L6 | 206 | 2 or 5 | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:01 |